

HOLOGRAM SCREEN AND HOLOGRAM DISPLAY

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ABSTRACT OF THE DISCLOSURE

10 A hologram screen 1 for displaying an image by  
diffracting and scattering image light 31 projected from  
an image projection apparatus 2. An upward/downward  
light scattering device 13 for scattering light incident  
from at least one upward/downward specific angle range  
spreading obliquely upward or obliquely downward is  
placed on the image projection apparatus side of a  
15 hologram device 12 in the hologram screen 1, and a  
leftward/rightward light scattering device 14 for  
scattering light incident from a leftward/rightward  
specific angle range spreading obliquely leftward and  
obliquely rightward is placed between the hologram device  
20 12 and the upward/downward light scattering device 13 or  
on the image projection apparatus side of the  
upward/downward light scattering device 13. The  
construction is such that the upward/downward specific  
angle range contains the incidence angle of the image  
25 light 31 on the hologram screen 1, and the invention thus  
provides a hologram screen that has good color  
reproducibility and permits viewing of the background,  
and a hologram display using such a hologram screen.